

**WHAT IS CLAIMED IS:**

1. A wall phone filter housing unit adapted for interfacing between incoming telephone lines connected to a wall mounting plate and subscriber's network termination equipment, said housing unit comprising:

5                   a base member;

                  a cover member adapted for co-mating with  
said base member;

                  a PCB assembly being disposed between  
said base member and said cover member;

10                  an impedance blocking filter circuit  
mounted on said PCB assembly disposed between  
said base member and said cover member;

                  a first modular plug extending from a  
central portion of said base member for  
15                  insertion into a modular jack connected to in-  
coming telephone lines;

                  a first filtered modular jack mounted in  
a central portion of said cover member for re-

00960775.001501

20           ceiving a second modular plug connected to a  
telephone set;

          a second filtered modular jack formed on  
one side of said PCB assembly for receiving a  
third modular plug connected to an answering  
machine or Fax machine; and

25           a third unfiltered modular jack formed  
upon another side of said PCB assembly for  
receiving a fourth modular plug connected to  
DSL or HPN equipment devices.

2. A wall phone filter housing unit as claimed in  
Claim 1, wherein said filter housing unit is of a compact  
size.

3. A wall phone filter housing unit as claimed in  
Claim 1, wherein each of said first through fourth modu-  
lar plugs is comprised of a standard telephone RJ-type  
plug.

0092975-081501

4. A wall phone filter housing unit as claimed in Claim 3, wherein each of said first through third modular jacks is comprised of a standard telephone RJ-type jack.

5. A wall phone filter housing unit as claimed in Claim 1, wherein said base member and said cover member are formed of a suitable plastic material.

6. A wall phone filter housing unit as claimed in Claim 1, further comprising slidable mounting means for engaging and locking with mounting posts formed on the wall mounting plate.

7. A wall phone filter housing unit as claimed in Claim 6, wherein said slidable mounting means includes an upper mounting latch and a lower mounting latch, each being slidable so as to engage and lock with the mounting  
5 posts formed on the wall mounting plate.

8. A wall phone filter housing unit as claimed in Claim 1, wherein said cover member includes a top wall member, a bottom wall member, and confronting sidewall

05929775-081504

[illegible]

9

<sup>10</sup>  
~~11~~. A wall phone filter housing unit adapted for interfacing between incoming telephone lines connected to a wall mounting plate and subscriber's network termination equipment, said housing unit comprising:

5           housing means formed of co-mating base and cover members;

          component-mounting means disposed within said housing means for mounting an impedance blocking filter circuit;

10           plug means extending from said housing means for insertion into a modular jack connected to incoming telephone lines; and

          jack means formed in said housing means for connection to a telephone set, an  
15           answering machine, and ADSL equipment.

<sup>11</sup>  
12. A wall phone filter housing unit as claimed in Claim <sup>10</sup>~~11~~, wherein said filter housing unit is of a compact size.

05923775, 084501  
105189 2/26/90

<sup>12</sup>  
13. A wall phone filter housing unit as claimed in Claim ~~11~~<sup>10</sup>, wherein each of said first through fourth modular plugs is comprised of a standard telephone RJ-type plug.

<sup>13</sup>  
14. A wall phone filter housing unit as claimed in Claim ~~13~~<sup>12</sup>, wherein each of said first through third modular jacks is comprised of a standard telephone RJ-type jack.

<sup>14</sup>  
15. A wall phone filter housing unit as claimed in Claim ~~11~~<sup>10</sup>, wherein said base and cover members are formed of a suitable plastic material.

0952575-081504

15  
16. A wall phone filter housing unit adapted for interfacing between incoming telephone lines connected to a wall mounting plate and subscriber's network termination equipment, said housing unit comprising:

5           housing means formed of co-mating base and cover members;

          component-mounting means disposed within said housing means for mounting an impedance blocking filter circuit;

10           plug means extending from said housing means for insertion into a modular jack connected to incoming telephone lines;

          jack means formed in said housing means for connection to a telephone set, an  
15           answering machine, and ADSL equipment; and

          slidable mounting means formed on said housing means for engaging and locking with mounting posts formed on the wall mounting plate.

09929775-081501

16  
17. A wall phone filter housing unit as claimed in  
Claim 16, wherein said slidable mounting means includes  
an upper mounting latch and a lower mounting latch, each  
being slidable so as to engage and lock with the mounting  
5 posts formed on the wall mounting plate.

17  
18. A wall phone filter housing unit as claimed in  
Claim 1, further comprising means for protecting wire  
pins of a connector wire assembly mounted on said PCB  
assembly from solder during a wave soldering process.

18  
19. A wall phone filter housing unit as claimed in  
Claim 18, further comprising means for protecting wire  
pins of a connector wire assembly mounted on said  
component-mounting means from solder during a wave  
5 soldering process.

19  
20. A wall phone filter housing unit as claimed in  
Claim 19, further comprising means for protecting wire  
pins of a connector wire assembly mounted on said  
component-mounting means from solder during a wave  
5 soldering process.

09525775-001501  
105190-572560